Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082420\
Data File : BP003089.D
Acq On : 24 Aug 2020 12:33
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
8/25/2020 4:17:47 PM

Quant Time: Aug 24 13:58:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 13:12:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	255149	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	987815	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	588747	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1235627	20.00	ng	0.00
76) Chrysene-d12	21.16	240	1247089	20.00	ng	0.00
86) Perylene-d12	23.39	264	1401551	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1083074	64.97	ng	0.00
7) Phenol-d6	6.85	99	1357895	58.67	ng	0.00
23) Nitrobenzene-d5	8.81	82	1031814	56.57	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	596204	81.48	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	2956479	68.61	ng	0.00
79) Terphenyl-d14	19.64	244	4265626	68.48	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	202587	28.309	ng	100
3) Pyridine	3.59	79	550350m	27.604	ng	
4) n-Nitrosodimethylamine	3.51	42	145048	24.766	ng	100
6) Aniline	6.99	93	743865	27.701	ng	100
8) 2-Chlorophenol	7.23	128	598856	33.691	ng	100
9) Benzaldehyde	6.80	77	321075	26.054	ng	100
10) Phenol	6.88	94	631380	27.086	ng	100
11) bis(2-Chloroethyl)ether	7.09	93	492998	27.497	ng	100
12) 1,3-Dichlorobenzene	7.56	146	715860	35.682	ng	100
13) 1,4-Dichlorobenzene	7.70	146	723918	35.698	ng	100
14) 1,2-Dichlorobenzene	8.02	146	684274	35.384	ng	100
15) Benzyl Alcohol	7.90	79	393157	25.744	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.20	45	421628	25.031	ng	100
17) 2-Methylphenol	8.11	107	453203	30.425	ng	100
18) Hexachloroethane	8.74	117	239822	33.906	ng	100
19) n-Nitroso-di-n-propylamine	8.47	70	310991	23.319	ng	100
20) 3+4-Methylphenols	8.44	107	610143	30.392	ng	100
22) Acetophenone	8.48	105	818057	29.352	ng	100
24) Nitrobenzene	8.85	77	499420	25.223	ng	100
25) Isophorone	9.38	82	913660	23.319	ng	100
26) 2-Nitrophenol	9.56	139	316118	44.223	ng	100
27) 2,4-Dimethylphenol	9.63	122	454873	29.152	ng	100
28) bis(2-Chloroethoxy)methane	9.86	93	664023	30.377	ng	100
29) 2,4-Dichlorophenol	10.10	162	561298	34.180	ng	100
30) 1,2,4-Trichlorobenzene	10.32	180	646904	33.698	ng	100
31) Naphthalene	10.50	128	1843162	32.595	ng	100
32) Benzoic acid	9.78	122	335918	41.584	ng	100
33) 4-Chloroaniline	10.60	127	790776	33.744	ng	100
34) Hexachlorobutadiene	10.80	225	384657	32.743	ng	100
35) Caprolactam	11.36	113	173183	34.083	ng	100
36) 4-Chloro-3-methylphenol	11.75	107	524878	30.747	ng	100
37) 2-Methylnaphthalene	12.12	142	1312544	32.631	ng	100
38) 1-Methylnaphthalene	12.33	142	1256037	33.172	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	651315	30.769	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.48	237	333968	30.413 ng	100
43) 2,4,6-Trichlorophenol	12.73	196	442970	36.107 ng	100
44) 2,4,5-Trichlorophenol	12.81	196	460632	34.226 ng	100
46) 1,1'-Biphenyl	13.14	154	1630307	33.497 ng	100
47) 2-Chloronaphthalene	13.17	162	1340269	35.166 ng	100
48) 2-Nitroaniline	13.37	65	267125	32.329 ng	100
49) Acenaphthylene	14.03	152	2047568	34.257 ng	100
50) Dimethylphthalate	13.77	163	1652532	35.887 ng	100
51) 2,6-Dinitrotoluene	13.88	165	356578	38.207 ng	100
52) Acenaphthene	14.37	154	1245410	32.419 ng	100
53) 3-Nitroaniline	14.21	138	407939	42.057 ng	100
54) 2,4-Dinitrophenol	14.42	184	167226	47.210 ng	100
55) Dibenzofuran	14.71	168	1926851	32.699 ng	100
56) 4-Nitrophenol	14.53	139	306658	37.556 ng	100
57) 2,4-Dinitrotoluene	14.67	165	486504	40.969 ng	100
58) Fluorene	15.36	166	1480770	32.095 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	416540	37.094 ng	100
60) Diethylphthalate	15.15	149	1622266	36.054 ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	760080	32.010 ng	100
62) 4-Nitroaniline	15.37	138	416093	43.030 ng	100
63) Azobenzene	15.65	77	1085619	23.966 ng	100
65) 4,6-Dinitro-2-methylphenol	15.45	198	234180	40.819 ng	100
66) n-Nitrosodiphenylamine	15.57	169	1341938	32.792 ng	100
67) 4-Bromophenyl-phenylether	16.26	248	507078	33.732 ng	100
68) Hexachlorobenzene	16.37	284	596268	34.293 ng	100
69) Atrazine	16.53	200	470971	33.970 ng	100
70) Pentachlorophenol	16.72	266	318147	35.285 ng	100
71) Phenanthrene	17.10	178	2466759	34.045 ng	100
72) Anthracene	17.19	178	2385492	33.685 ng	100
73) Carbazole	17.46	167	2291030	33.127 ng	100
74) Di-n-butylphthalate	18.04	149	2757169	37.899 ng	100
75) Fluoranthene	19.08	202	2886903	34.582 ng	100
77) Benzidine	19.26	184	1242113	32.663 ng	100
78) Pyrene	19.43	202	2954184	33.886 ng	100
80) Butylbenzylphthalate	20.32	149	1296086	40.811 ng	100
81) Benzo(a)anthracene	21.14	228	2891665	34.041 ng	100
82) 3,3'-Dichlorobenzidine	21.07	252	1120079	33.314 ng	100
83) Chrysene	21.19	228	2733975	34.119 ng	100
84) Bis(2-ethylhexyl)phthalate	21.09	149	1860199	38.554 ng	100
85) Di-n-octyl phthalate	21.96	149	3167369	39.961 ng	100
87) Indeno(1,2,3-cd)pyrene	25.67	276	3714619	33.094 ng	100
88) Benzo(b)fluoranthene	22.72	252	3068565	31.025 ng	100
89) Benzo(k)fluoranthene	22.76	252	3005804	32.154 ng	100
90) Benzo(a)pyrene	23.29	252	2903943	32.494 ng	100
91) Dibenzo(a,h)anthracene	25.69	278	3049610	31.922 ng	100
92) Benzo(g,h,i)perylene	26.36	276	3057669	33.099 ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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